Year 8 | Topic 4 | **Computer Science** | PowerPoint and E-safety

Summary

Behaviours such as altering computer data without permission, hacking, cyberbullying and trolling are considered unethical and harmful in relation to computer systems.

Stay safe from phishing by deleting unknown email immediately. Do not follow any links contained in the email. Instead, go to the website directly, and try to log in there.

There are a number of ways to protect against malware: install antivirus software and use firewall. Show caution by not opening emails from senders who you do not recognise and not installing programs downloaded illegally.

The easiest way to stay safe online is to stay in control of personal information given out.

Phishing

Email is short for 'electronic mail'

Advantages of using email

- Can send to multiple recipients at once
- Can send attachments
- Sent instantly at any time
- Can request a receipt that the email has been read
- Can send and receive email from any web enabled device

Disadvantages

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- Spam Viruses
- Need an Internet connection

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 Your message can only be read when the recipient next logs in and checks their mail

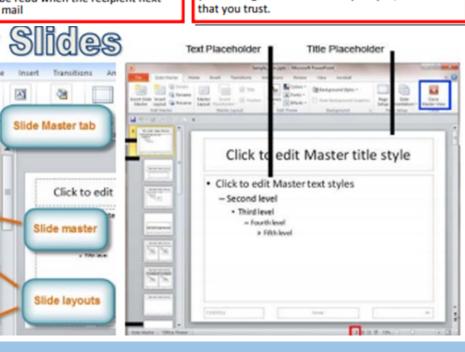
Staying safe online

Never disclose

your name telephone number address or school

Never accept someone as a 'friend' on social media simply because they claim to know another friend of yours. Always be cautious about what you say online.

Never agree to meet anyone in person that you've only known online. If somebody does start sending you messages that offend or upset you, tell an adult that you trust.



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E-safety	Attachment	A file that is sent with an email	
_ 5051	Anti-virus	Software installed onto a computer to	
Find slide master		scan it for malware. If found the soft-	
		ware can remove it before it does any	
Search rrange All ascade flove Split		damage.	
A Search Arrange Al Cascade Anove Split	Cyber-	Sending offensive message, posting	
	bullying	lies or insults on social media, includ-	
P New Window		ing sharing embarrassing videos or	
Heb Heb		photos online.	
- fe	Hack	Gaining unauthorised access to a com-	
ding d Wh		puter or account	
Recording Color Grayscale Black and White Color/Grayscale	Malware	Malicious software created to damage	
Recolorized Black Colorife		or gain illegal access to computer sys-	
View V		tems	
√ Vi C Vindow	Phishing	Trying to trick someone into giving	
- o		information over an email.	
Review Zoom Zoor	Troll	A name for a person who posts offen-	
		sive messages online.	
Show	Transition	A special effect that can be added	
- g		when switching between slides	
S Sli Ruler Gridlines Guides Show	Animation	A special effect that can be added to	
ons Ru Gri		each individual object on a slide.	
Animations Animations tres ster	Slide Master	A template design that appears on	
		every slide	
ew. r	Hyperlink	A clickable object to take you to a	
Transitions Geometry Geometry Geometry Geometry Master Views		different slide or a website	
Transi	Place holder	A set space where an object (text or	
Slide Maste		image) can be placed	
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- eate your background colour/ design
- up your font sizes and styles, including colour
- move and change the layouts that you want to

IT skills and Issues